

1     ABSTRACT OF THE DISCLOSURE

2             A system for locating an individual in a facility, the system comprising a  
3     portable wireless transponder device borne by the individual; an interrogator; and  
4     a plurality of antennas distributed in the facility, the antennas being selectively  
5     separately connected to the interrogator, the interrogator when connected to any  
6     of the antennas having a communications range covering less than the area of the  
7     entire facility, the interrogator repeatedly transmitting a wireless command to the  
8     portable wireless transponder device using alternating antennas, the portable  
9     wireless transponder device transmitting data identifying the portable wireless  
10    transponder device in response to a command if the portable wireless transponder  
11    device is within communications range of the antenna sending the command,  
12    ~~wherein~~ the individual is located by determining with which antenna the  
13    interrogator was able to establish communications with the portable wireless  
14    transponder device.

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